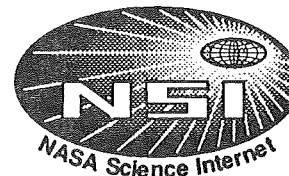
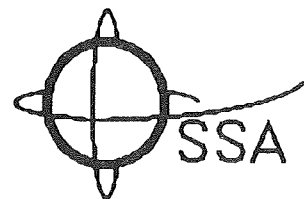


# NASA Science Internet User Working Group

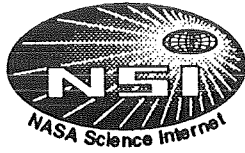


## NSI Engineering Review February 12, 1991

Mark Leon  
Engineering Manager  
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AMES RESEARCH CENTER



N91-27013



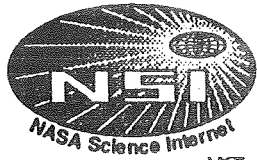
## Outline

- \* Connectivity Status
- \* Site Upgrades Plans & Progress

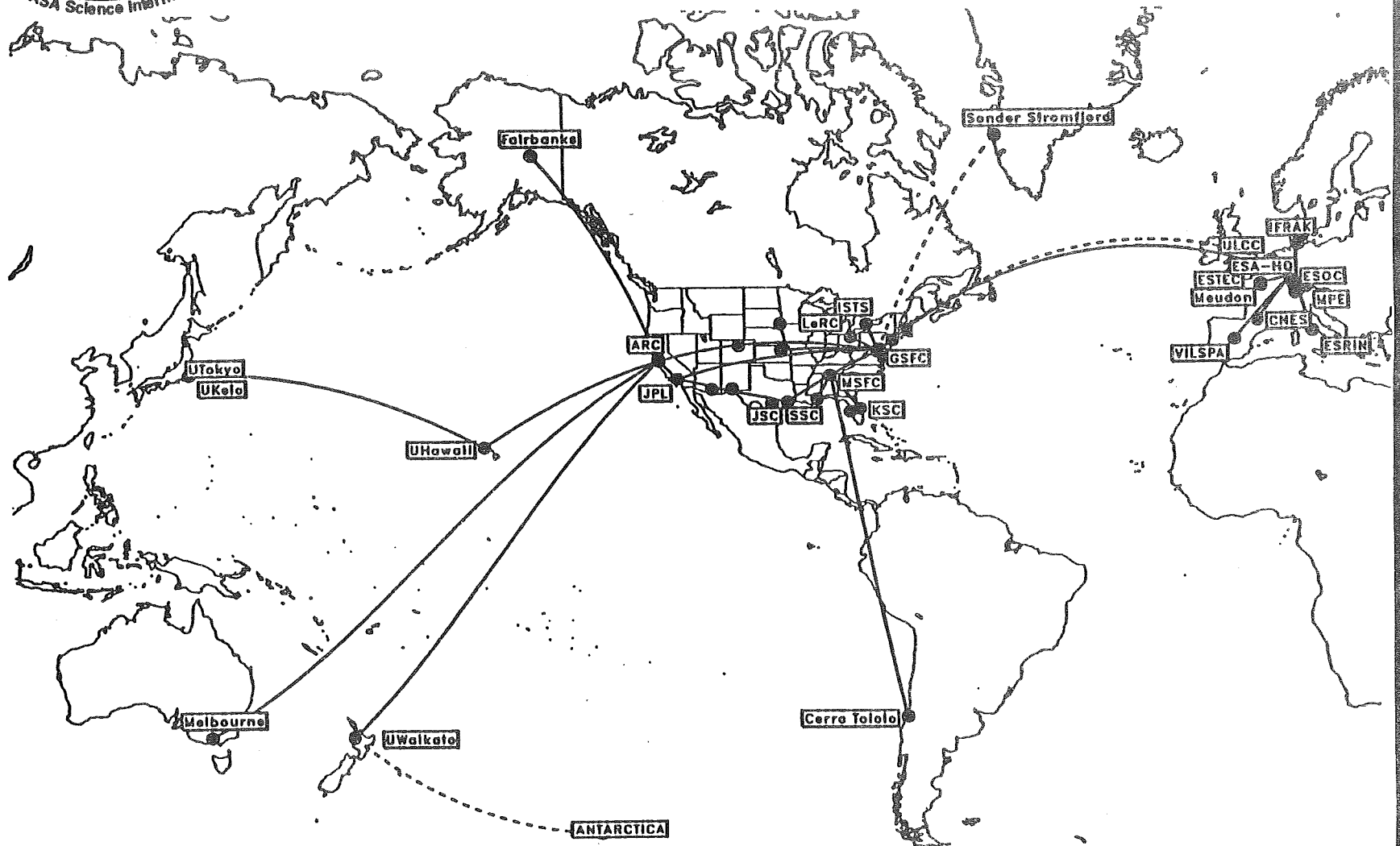


## New Connections

<u>Tail Site</u>	<u>Hub Site</u>	<u>Bandwidth</u>	<u>Path</u>
National Geodetic Survey, MD	GSFC	56Kb/s	Terr.
Scientific & Technical Information Facility, MD	GSFC	56Kb/s	Terr.
Ford Aerospace, MD	GSFC	56Kb/s	Terr.
University South Florida, FL	KSC	56Kb/s	Terr.
Gilmore Creek Geophysical Observatory, AK	ARC	56Kb/s	Sat.
University Alaska Geophysical Institute, AK	GCGO	56Kb/s	Terr.
Cerro Tololo Inter-American Observatory, Chile	MSFC	56Kb/s	Sat.
Big Bear Solar Observatory, CA	ARC	56Kb/s	Terr.
STX, MD	GSFC	T1	Terr.
Rice University, TX	JSC	T1	Terr.
University Montana	ARC	9.6Kb/s	Terr.
World Weather Building, MD	GSFC	56Kb/s	Terr.
Space Telescope Science Institute, MD	GSFC	T1	Terr.
Carnegie Institute of Washington, DC	GSFC	9.6Kb/s	Terr.
United States Geological Survey, Az	JPL	56Kb/s	Terr.
Ellery Systems Incorporated, CO	NCAR	56Kb/s	Terr.



# NASA Science Internet





## Upgrades Scheduled for 1991

GSFC-Brown Univ. (\*)  
GSFC-Cornell Univ. (P^56)  
GSFC-NASA HQ (\*DP56)  
GSFC-ST Systems (\*T1)  
GSFC-Univ. MD (\*ET1)  
GSFC-Carnegie Mellon (U)  
GSFC-NRL (P^)  
GSFC-Univ. Rhode Island (P^56)  
GSFC-Penn. St. (P^56)  
GSFC-NRAO (U)  
MSFC-Utah St. (U)  
MSFC-Univ. Minn. (P^56)  
MSFC-Univ. Chicago (P^56)  
MSFC-LSU (PR56)

JPL-NPGS (P^56)  
JPL-Univ. Arizona (PRT1)  
JPL-USGS, Flagstaff (\*56)  
JPL-Aerospace Corp. (U)  
JPL-NOAO, Az. (\*56)  
JPL-PSI, Az. (P)  
ARC-ISAS, Japan (PR56)  
JSC-Univ. Colorado (P)  
JSC-LANL (U)  
JSC-NCAR (P)  
JSC-SWRI (U)  
JSC-Rice Univ. (U)

\* = Complete

P = In Progress

DP = Dual Protocol

T1 = 1.544Mb/s

U = Under Review

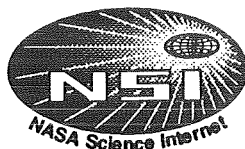
^ = Circuit upgrade planned

E = DECnet Encapsulation

R = Request for service issued

56 = 56Kb/s

( ) = Status



## Upgrades Scheduled for 1992 & 1993

### Upgrades for 1992

GSFC- Univ. Delaware  
GSFC-Univ. New Hampshire  
GSFC-WHOI, Mass.  
GSFC-Yale University  
MSFC-USRA, Ala.  
MSFC-Univ. Wisconsin  
MSFC-Washington Univ.  
JPL-RAND Corp., CA  
MSFC-EROS at USGS, SD

### Upgrades for 1993

GSFC-Dartmouth Univ., N.H.  
GSFC-Grumman, N.Y.  
GSFC-MIT, Mass.  
GSFC-NRC, Canada  
GSFC-NOAA/WDC  
GSFC-USGS, Reston  
GSFC-Univ. of Delaware, Lewes  
MSFC-Augsburg College, Minn.  
MSFC-Florida St. Univ.  
MSFC-Univ. of Kansas  
MSFC-Univ. of Mich.  
JPL-Oregon St. Univ.